

Physics Happenings #40

1. Dr. B. Frank attended the Fourth University of California Conference on Statistical Mechanics at Santa Barbara, 26th to 28th March, 1990.
2. Dr. C.S. Kalman attended the First International Symposium on Particles, Strings, and Cosmology at Northeastern University, Boston, March 27th to 31st, 1990.
3. On Tuesday March 27th, Changlu Wang successfully defended his Ph.D. thesis. On Thursday March 29th, Chunzheng Wang successfully defended his Ph.D. thesis. The examining committee in both cases consisted of Dr. M.E. Szabo, (Dean of Graduate Studies; Chair), Dr. S. K. Misra (Physics; Supervisor), Dr. J .A. Capobianco (Chem.), Dr. S. Subramanian (Physics), Dr. N. R. Lewis (Physics), and Dr. F. Mehran (External to Concordia). On April 7th, Dr. & Mrs. S. K. Misra and the Physics Department hosted a party in celebration. Congratulations.
4. On Wednesday March 28th, Dr. F. Mehran gave a seminar to faculty and students entitled "Electron Paramagnetic Resonance of High T_c Superconductors and Related Antiferromagnets".
5. On March 29th, Dr. C. Hamzaoui gave a talk entitled "An important issue in ϵ'/ϵ Anapole vs Dipole Interactions" at Laboratoire de Physique Nucléaire, Université de Montréal.
6. Professor Mario Marchand of the University of Ottawa spoke, on April 2, to faculty and students on the topic "Artificial Neural Networks: Trying to discover how the mind can emerge from dead matter", under the auspices of the CAP.
7. On April 5th, Dr. C. Hamzaoui gave us a talk entitled " ϵ'/ϵ in the Standard Model and Beyond."
8. In May Dr. Charlton gave a seminar "Calculation of cell sensitization by IudR" to the Yale University Medical School. He was also one of 20 scientists invited to a NATO Advanced Workshop on early damage in DNA held in Italy in May. During his visit to Europe he gave in addition, a seminar at the Gray Laboratories in London.
9. On April 9th, our M.Sc. graduate Mr. D. Provost, now a Ph.D. student at the Department of Physics, M.I.T., spoke to faculty and students on the topic "Chaos Theory and its Application to Science".
10. At Spring Convocation, June 11, 1990, Ted Szylowiec (B.Sc.) won the Walter Raudorf Medal, and Réne Francis (M.Sc.) won the Nishith Mukerji Medal. The Upreti Quantum Mechanics Award, awarded annually by the Department of Physics to the physics student with the highest grades in Quantum Mechanics, was won this year by José Peralta. Congratulations to all three students.

29/06/90

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Congratulations to members of the Department who have recently had papers published.

1. B. Frank and M. Elofer, The $i-\delta$ Relations and the Ising Model for $S>1$. *Physica Scripta* 41, 368-71 (1990).
2. L. Macot and B. Frank, Formulas for the Chadi-Cohen Process. *Phys. Rev. B* 41, 4469-74 (1990).

29/06/90